

Converting Colors

CIELCh(58, 50.621, 37.277)

Have a look what the booklet for
CIELCh(58, 50.621, 37.277) contains.

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Color

CIELCh(58, 50.558, 37.205)

Conversions

Conversions Part 1

Format	Color
Hex	D76C58
RGB	215, 108, 88
RGB Percent	84%, 42%, 35%
CMY	0.1559, 0.5756, 0.6541
CMYK	0.00, 0.50, 0.59, 0.16
HSL	9°, 62%, 59%
HSV	9°, 59%, 84%
XYZ	35.2501, 25.9610, 12.4277
YIQ	137.7130, 70.1920, 16.4640

Conversions

Conversions Part 2

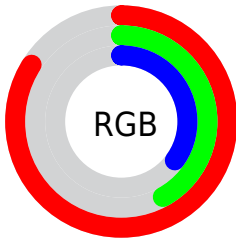
Format	Color
R _Y B	215, 112, 88
Decimal	14117976
CIE Lab	58.00, 40.27, 30.57
CIE LCh	58, 50.558, 37.205
Yxy	25.9610, 0.4787, 0.3525
Android (android.graphics.Color)	4292308056 (0xFFD76C58)
YUV	137.7130, -24.5085, 67.7807
Hunter-Lab	50.9519, 34.3258, 21.2049

Details

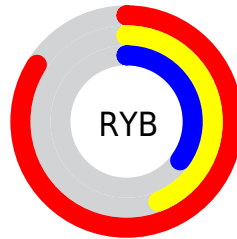
The CIELCh color **58, 50.558, 37.205** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted orange. A complement of this color would be **74, 31.487, 217.742**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **75, 41.937, 39.372**, and **38, 50.335, 37.346** is the 20% darker color. If you saturate the color by 10%, you get **54, 61.036, 38.495**, and if you desaturate by 10%, it is **62, 40.464, 36.217**.

Distribution



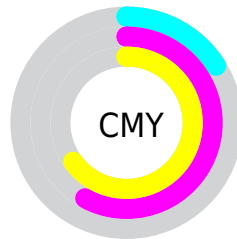
- Red (84%)
- Green (42%)
- Blue (35%)



- Red (84%)
- Yellow (44%)
- Blue (35%)



- Cyan (0%)
- Magenta (50%)
- Yellow (59%)
- Black (16%)



- Cyan (16%)
- Magenta (58%)
- Yellow (65%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 50.558, 37.205 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 58, 50.558, 37.205 by changing the saturation by 10% instead.

 58, 50.558, 37.205

 58, 50.558, 37.205

 100, 50.558,
37.205

 48, 50.558, 37.205

 78, 50.558, 37.205

 38, 50.558, 37.205

 88, 50.558, 37.205

 28, 50.558, 37.205

 98, 50.558, 37.205

 18, 50.558, 37.205

 8, 50.558, 37.205

 0, 50.558, 37.205

 58, 50.558, 37.205

 58, 50.558, 37.205

 54, 61.036, 38.495

 62, 40.464, 36.217

 51, 71.509, 39.987

 67, 30.946, 35.509

■ 48, 81.100, 41.344

■ 71, 22.079, 35.042

■ 47, 88.364, 42.026

■ 76, 13.877, 34.760

■ 46, 89.020, 42.136

■ 81, 6.314, 34.595

■ 87, 0.656, 215.574

■ 92, 7.090, 214.853

■ 97, 12.762,
202.640

■ 97, 13.334,
198.616

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



58, 50.558, 37.205



74, 31.487, 217.742

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



58, 50.558, 37.205



58, 50.558, 87.205



58, 50.558, 217.205



58, 50.558, 267.205

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



58, 50.556, 37.208



89, 15.011, 34.743



58, 70.516, 332.525



46, 10.560, 34.806



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



58, 50.556, 37.208



63, 72.558, 38.879



72, 48.518, 81.762



42, 3.961, 34.601



37, 74.586, 42.448



6, 19.911, 28.158

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



74, 31.487, 217.742



84, 39.810, 219.651



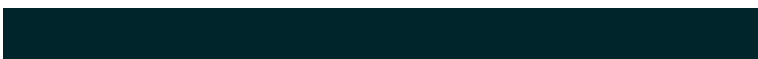
56, 47.956, 281.586



44, 3.730, 214.851



55, 32.259, 226.107



12, 12.748, 219.985

Previews

White Background



This preview shows how the CIELCh color 58, 50.558, 37.205 looks on a white background.

Color Contrast Check

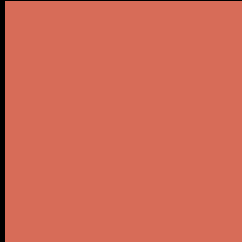
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 58, 50.558, 37.205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 58, 50.558, 37.205

Background



This preview shows how black text looks on a background with the CIELCh color 58, 50.558, 37.205.

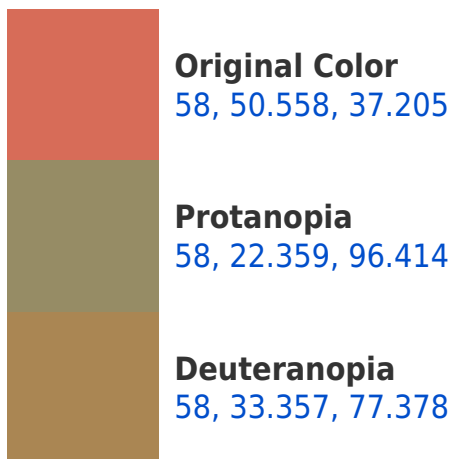


This preview shows how white text looks on a background with the CIELCh color 58, 50.558, 37.205.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

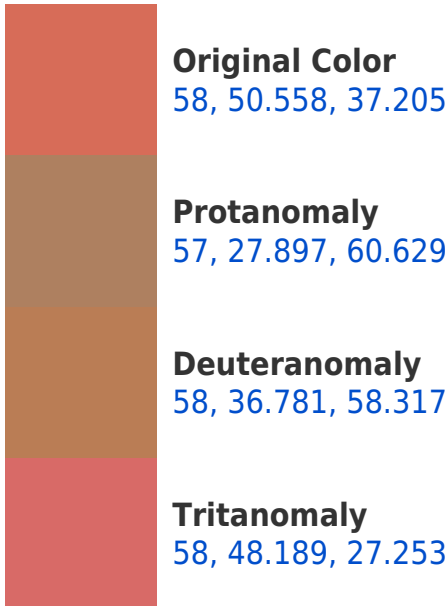
Dichromacy



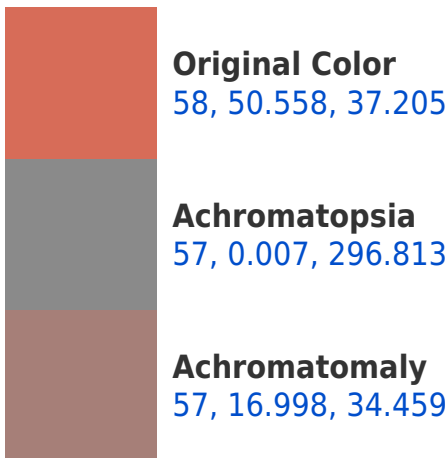


Tritanopia
58, 47.669, 20.983

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 50.558, 37.205 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(215, 108, 88)` looks like.

```
.text, #text, p{  
    color:rgb(215, 108, 88)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(215, 108, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 108, 88) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 50.558, 37.205 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(215, 108, 88) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(215, 108, 88) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(215, 108, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 108, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 108, 88);  
box-shadow:4px 4px 4px 4px rgb(215, 108,  
88) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 50.558, 37.205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 108, 88) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(215,  
108, 88) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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